

dosperm abundant (in immature seed).

Type in the Herbarium of the University of Michigan, Eizi Matuda 571, collected on Mt. Orando, Chiapas, Mexico, December 16, 1936.

(a) Contribution from the Herbarium of the University of Michigan.

ADDITIONAL NOTES ON THE GENUS AEGIPHILA -- II

Harold N. Moldenke

The following notes are supplementary to those contained in my original monograph of the genus (1) and in the first installment of the present series of additional notes (2). To the list of herbarium abbreviations should be added the following: Pr = Princeton University, Princeton, N. J. The total number of recorded contributors to our knowledge of this genus, as given on page 245 of my original monograph and on page 183 of the first part of these additional notes, should be 578 and the number of publications reviewed 197.

49a. AEGIPHILA ACULEIFERA Moldenke.

The species ascends to at least 1300 m. in Costa Rica and has been collected in anthesis in November. A vernacular name in Costa Rica is "tabaquilla".

Additional citations: COSTA RICA: Alajuela: Brenes 5709 [301] (F--2).

6. AEGIPHILA ANOMALA Pittier.

The species has been collected in anthesis in May and in fruit in February. A vernacular name in Costa Rica is "tabaquillo". It has been confused by some with Siparuna and a few herbarium specimens have been distributed under that name!

Additional citations: COSTA RICA: Alajuela: Brenes 6652 (F), 15,661 (F).

21a. AEGIPHILA AUSTRALIS Moldenke.

Additional citations: BRAZIL: Santa Catharina: Ule 1520 (N--photo of type, Z--photo of type).

113. AEGIPHILA CORDIFOLIA (Ruíz & Pav.) Moldenke.

Additional citations: PERU: Department undetermined: Ruíz & Pavon s.n. [Miña, Panatahua] (F--isotype).

35. AEGIPHILA CRENATA Moldenke.

The Pickel 526, 3030, and 3042 specimens from Pernambuco cited by me on page 327 of my monograph and on page 196 of the first installment of these additional notes, do not represent A. crenata. They represent a new species which will be fully described under species 35a in a future installment of these notes.

117. AEGIPHILA DEPPEANA Steud.

This species has been confused with and some herbarium specimens distributed as Callicarpa sp. and Aegiphila martinicensis.

Additional citations: MEXICO: State undetermined: Sessé, Mociffo, Castillo, & Maldonado 603 (Q), 1074 (Q). CULTIVATED: England: P. Miller 8 [Herb. Linnaeus G.810, S.9] (Z--photo).

124. AEGIPHILA ELATA Sw.

The type of P. Browne's Knoxia 2 is apparently sheet number 8, under genus 810, Clerodendron, in the Linnaean Herbarium. The "Deschisaux" cited by me on page 199 of my first supplement is an error for Desclusaux.

Additional citations: JAMAICA: P. Browne s.n. [Herb. Linnaeus G.810, S.8] (Ls, Z--photo). COSTA RICA: Alajuela: Brenes 6193 (F).

121. AEGIPHILA ELEGANS Moldenke.

The Ule 9718 cited by me in Phytologia 1: 200 (1937) should have been written "Ule 9718, in part", since other specimens of this number are definitely A. ovata.

Additional citations: BRAZIL: Amazonas: Krukoff 8701 (N).

15. AEGIPHILA FASCICULATA Donn. Sm.

The "Aegiphila fasciculata Donn. Sm." which Standley describes in Field Mus. Pub. Bot. 10: 334-335 and illustrates on plate 57 (1931) is A. monstrosa, not Dermatocalyx parviflorus Ørst. as erroneously stated by me in Phytologia 1: 200 (1937).

31. AEGIPHILA FERRUGINEA Hayek & Spruce.

The "Sodirol 152/22" cited in Brittonia 1: 476 (1934) is a typographic error for Sodirol 125/22.

63. AEGIPHILA FILIPES Mart. & Schau.

Krukoff describes this species as a shrub to 10 feet tall, with a stem to 1/2 inch in diameter and orange fruit,

inhabiting old clearings.

Additional citations: BRAZIL: Amazonas: Krukoff 8041 (N).

2. AEGIPHILA GOUDOTIANA Moldenke.

The "Goudot s.n. [Bogotá]" cited by me as this species in Brittonia 1: 473 (1934) is a typographic error. The collection actually represents A. grandis.

4. AEGIPHILA GRANDIS Moldenke.

The "Goudot s.n. [Bogotá]" cited by me in Brittonia 1: 473 (1934) as A. Goudotiana, is the result of a typographic error. The collection actually represents A. grandis, as stated on page 286.

95. AEGIPHILA HERZOGII Moldenke.

Additional citations: BOLIVIA: Santa Cruz: Herzog 1369 (A--photos of type & of isotype, B--isotype, B--photos of type & of isotype, Cb--isotype, D--photos of type & of isotype, F--photos of type & of isotype, G--photo of type, K--photos of type & of isotype, Lc--isotype, Mu--isotype, N--fragment of isotype, N--photos of type & of isotype, P--photos of type & of isotype, W--photos of type & of isotype, Z--photos of type & of isotype).

109. AEGIPHILA HIRSUTA Moldenke.

Additional citations: BOLIVIA: La Paz: Buchtien 1715 (A--photo of type, B--photo of type, D--photo of type, F--photo of type, G--photo of type, K--photo of type, N--photo of type, P--photo of type, S--photo of type, W--photo of type, Z--photos of type & of isotype).

86. AEGIPHILA HIRSUTISSIMA Moldenke.

Additional citations: COLOMBIA: Bolívar: Pennell 4563 (N--photo, Z--photo). VENEZUELA: Miranda: H. Pittier 8257 (A--photo of type, B--photo of type, D--photo of type, F--photo of type, G--isotype, G--photo of type, K--photo of type, N--photos of type & of isotype, P--photo of type, S--photo of type, W--photo of type, Z--photos of type & of isotype).

115a. AEGIPHILA HOEHNEI Moldenke, sp. nov.

Frutex subscandens; ramis subgracilibus obtuse tetragonis dense villosis; ramulis densissime ochraceo-villosis, pilis rectis antrorsis 1--2 mm. longis ad basin bulbosis; petiolis 5--8 mm. longis densissime longeque villosis; lamina ovatis 8--12.5 cm. longis, 3.7--6 cm. latis, acuminatis integris, ad basin rotundatis vel subcordatis, supra setosis et subbullatis, subtus dense villosis; inflorescentiis axillaribus terminalibusque; panícula terminali cymosa; cymis subabbreviatis multifloris paucis; pedunculis crassis

usque ad 1.5 cm. longis dense ochraceo- vel fulvo-villosis; calyce infundibulariformi 8--10 mm. longo, ca. 4.6 mm. lato, dense setoso-villoso, margine valde 4-lobato; tubo corollae albae ca. 7.2 mm. longo; ovario subtetragono ca. 1.5 mm. longo et diametro, ad basin et apicem truncato glabro 4-loculari; calyce fructifero magno incrassato cupuliformi, extra setoso-villoso, margine profunde 4-lobato.

Subscandent shrub; branches rather slender, obtusely tetragonal, densely but often irregularly villose with gray forward-pointing hairs of various lengths; branchlets rather slender, obtusely tetragonal, very densely ochraceous-villiose with straight forward-pointing hairs 1--2 mm. long and bulbous at base; principal internodes 2.7--6.3 cm. long; leaves decussate-opposite; petioles stout, 5--8 mm. long, very densely long-villose like the branchlets; blades firmly membranous or subcoriaceous, bright green, somewhat lighter beneath, very nitid above, ovate, 8--12.5 cm. long, 3.7--6 cm. wide, acuminate, entire, beautifully rounded or subcordate at base, setose above with stiff hairs 1--2.5 mm. long and conspicuously bulbous at base, densely villose beneath with ochraceous hairs 2--3 mm. long and not at all bulbous, densest at the venation, densely punctate beneath; midrib slender, prominulent in a channel above, rather prominent beneath; secondaries 7--10 on each side, arcuate-ascending, prominulent above, prominent beneath; vein and veinlet reticulation abundant and very handsome, decidedly prominulent above and prominent beneath, the lamina more or less pressed up from beneath in the interstices (at least, when dry), thus imparting a bullate appearance to the upper surface and causing the venation beneath to be very prominent; inflorescence axillary and terminal; terminal panicle cymose like the axillary cymes; cymes rather abbreviated, about 3 cm. long and 2.5 cm. wide in anthesis, to 4.5 cm. long and 5 cm. wide in fruit, many-flowered, solitary, few; peduncles stout, to 1.5 cm. long, usually much shorter, very densely villose with ochraceous or fulvous forward-pointing hairs; calyx infundibular, 8--10 mm. long, about 4.6 mm. wide, very narrow to just above the ovary, then ampliate, densely setose-villose with hairs to 2 mm. long, its rim deeply 4-lobed, the lobes ovate, about 2.6 mm. long and 2 mm. wide, decidedly rounded and subcucullate at apex, setose; corolla white, its tube at least 7.2 mm. long, narrow-cylindric, glabrous; corolla-limb, stamens, and stigma not seen; style at least 7 mm. long, slender, glabrous; ovary subtetragonal, about 1.5 mm. long and wide, truncate at both ends, glabrous, 4-celled; fruiting-calyx very large and incrassate, cupuliform, to 1.5 cm. long and 1.8 cm. in diameter, villose-setose outside, its rim deeply 4-lobed, the lobes triangular-ovate and about 7 mm. long; fruit yellow-orange, ob-

long, 13--16 mm. long, 9--10 mm. wide, glabrous or slightly verruculose in drying, not nitid, 4-seeded.

The type of this distinct and extremely handsome species was collected by João Geraldo Kuhlmann at Manaus, Amazonas, Brazil [Comissão Rondon 2277], in November, 1918, and is deposited in the herbarium of the Instituto Biologico de Defesa Agricola e Animal at São Paulo. It gives me great pleasure to dedicate this species to Dr. Frederico Carlos Hoehne, whose indefatigable labors and collections have added so very materially to our knowledge of the flora of Brazil. The species is obviously related to A. cordata, A. villosissima, and A. racemosa, from all of which species, however, it differs in many characters, especially in the subbullate character of its upper leaf-surface, its subcoriaceous blades, its bulbous-based setose hairs on branches, branchlets, and upper leaf-surface, etc. A. cordata and A. villosissima, which have pubescence most like that of the present species, never have the subcoriaceous and subbullate blades, while A. racemosa, which has the coriaceous or subcoriaceous blades and strong vein and veinlet reticulation, does not have a pubescence anything like that of our present species.

BRAZIL: Amazonas: Kuhlmann, Com. Rondon 2277 [Herb. Inst. Biol. S. Paulo 33,425] (N--fragment of type, N--photo of type, Sp--type, Z--photo of type).

106. AEGIPHILA INSIGNIS Moldenke.

Additional citations: PERU: Ancachs: Tafalla s.n. [Chicoplaya] (A--photo of type, B--photo of type, D--photo of type, F--photo of type, G--photo of type, N--photos of type & of isotype, P--photo of type, S--photo of type, W--photo of type, Z--photos of type & of isotype).

42. AEGIPHILA INTEGRIFOLIA (Jacq.) Jacks.

On page 339 of my monograph the name of Huggins should have been given as the actual collector of Trin. Bot. Gard. Herb. 2385; on line 44 of the same page Burchell 8345 should be deleted, since more careful study have proved this collection to be A. paraguariensis. The "Spruce 3113" cited on pages 339 and 476 should have been cited as "3113, in part", since some sheets of this number are identical with Spruce 3578, which is A. guianensis, and the "Schomburgk 404" cited on the same pages should have been cited as "M. R. Schomburgk 404, in part", since some sheets of this number are also definitely A. guianensis. C. Houard (3) reports that A. integrifolia is often infested with the galls of the insect Autodiplosis Jheringi Tavares. He also records the vernacular name "tocaneiro" for the plant and (4) says that the galls of Aegiphila merit further study. Klug describes the

species as a slender tree to 10 m. tall, inhabiting dense cut-over woods and mountain forests, with white flowers and the fruit in heavy clusters, blooming in December, fruiting in March. The type specimen of Manabea arborescens has been examined by the present writer in the herbarium of the British Museum (Natural History). The Ryan s.n. specimen from Trinidad in the British Museum herbarium is inaccurately labeled "Type specimen" of Aegiphila arborescens. The actual type of Aegiphila arborescens is the same specimen as constitutes the type of Aublet's Manabea arborescens. The Aegiphila arborescens var. longiflora Schau. cited by me on page 337 of my monograph as a synonym of A. integrifolia, has proved, upon examination of the actual cotypes at Munich, to be synonymous with A. bracteolosa. The Ruiz & Pavon collection from Pentahua and Chichao is the type collection of Callicarpa globiflora. The "Burchell 3418" cited in Brittonia 1: 339 & 472 (1934) should read "Burchell 3418, in part", since at least one sheet of this number is A. Sellowiana.

Additional citations: TRINIDAD: W. E. Broadway 5838 (A, Bm--2, E, K), 6682 (E, F, Z--photo), s.n. [Manzanilla, Aug. 1918] (K), s.n. [Trin. Bot. Gard. Herb. 7164] (R); Crüger s.n. [17 Aug. '46] (K); Eggers 1002 [Herb. Monac. 3831] (B--2, Br, Mu, P, Vu), 1364 (Cp--2, K); Fendler 596 (Bm, K); Higgins s.n. [Trin. Bot. Gard. Herb. 2385] (B, W); Ryan s.n. (Bm, Cp--7, Le); Swabey s.n. [Trin. Bot. Gard. Herb. 12,232] (K); Trin. Bot. Gard. Herb. 4770 (R); Vahl s.n. [1796; Herb. A. L. Jussieu 5036] (P); Williams, Freeman, & Cheesman s.n. [Trin. Bot. Gard. Herb. 11,329] (K). COLOMBIA: Boyacá: Lawrance 548 (A, B, Cb, E, G, N, S, Ut); Department undetermined: Triana 375 (Bm, W). VENEZUELA: Zulia: H. Pittier 10,626 (Cb, P); Tejera 119 (G), 124 (G, Z--photo); Amazonas: Bonpland 956 (B); Spruce s.n. [April, 1850] (Bm, Cb--3, Ed, F). BRITISH GUIANA: Gleason 313 (Z--photo); Jerman 1761 (Z--photo), 5796 (U, Z--photo), 5948 (U); M. R. Schomburgk 362 (B, Bm, K), 404, in part (Bm, Cb--2, Dc, F, K, Le, P, Us), 679 (B); Waby 8355 (U). FRENCH GUIANA: Aublet s.n. (Bm); Herb. Adanson 227 (P). ECUADOR: Napo-Pastaza: Mexia 7173 (N), 7187 (N), 7289 (N). PERU: San Martín: Klug 3468 (Cb, E, I, N); Loreto: Castelnau s.n. [Río Ucayali] (P); Ule 6821 (Cb, Le); Huanuco: Macbride 5053 (B, Z--photo); Department undetermined: Dombey s.n. (P--2); Ruiz & Pavon s.n. [Pentahua & Chichao] (Bm, N--2 photos, Z--2 photos), s.n. [Peruvia et Chili] (Bm, N--photo, Z--photo). BRAZIL: Amazonas: Ducke 6739 (Cb); Huber 4253 (Cb); Labroy 9 (P--2); Poeppig 1615 (A--photo, B--photo, Bm, Cb, D--photo, Dc, F--photo, G--photo, K, N--photo, P, V--2, W--photo, Z--3 photos); Ule 7861 (B, Cb, Le, W); Pará: Spruce 691 [Herb. Monac. 1002] (Mu), 3113, in part (B, Bm, Br, Cb--2, Cp, Ed), s.n. [In

vicinibus Santarem] (K); Bahia: W. Baldwin s.n. [June 3, 1818] (N--photo, Z--photo); Blanchet 2121 [Herb. De Candolle 829] (Cb, Dc); Minas Geraes: Mexia 4203 (B, Bm, Cb, D, E, G, I, P, S), 4500 (A, B, Bm, Cb, D, E, G, I, P, S, W); Rio de Janeiro: Burchell 2581 (K); São Paulo: Curran 2 (N); Matto-grosso: Hoehne, Com. Rondon 1341 (B), 5122 (N); State undetermined: Glaziou "A" (P--2). BOLIVIA: El Beni: Buchtien 5533 (Mu); H. H. Rusby 1722 (Z--photo), 2459 (Z--photo); La Paz: M. Bang 584 [Herb. Monac. 1726] (A--photo, B--photo, Bm, Cb, Cp, D--photo, E, Ed, F--photo, G--photo, K, L, Le, Mi, Mu, N--photo, Ol, R, Us--2, Vu, W, W--photo, Z--2 photos), 671 (Cb); Buchtien 719 (Cb, Cp, E, Ed, K, N--photo, Z--photo); Cardenas 2065 (K, Mi, Z--photo); Fleischmann 520 (S--2); Troll 1704 (B); Santa Cruz: Herzog 1571 (B, Cb, Le, Z--photo); Steinbach 5498 (Cb, Z--photo), 7514 (Bm, Cb, E, K). CULTIVATED: Hispaniola: Haiti: Mayerhoff s.n. [1859] (B). LOCALITY OF COLLECTION UNDESIGNATED: Collector undesignated s.n. (P). ILLUSTRATIONS: Aubl. Hist. Pl. Guian. 1: 64. 1775. (P).

44. AEGIPHILA INTERMEDIA Moldenke.

The petioles of this species become up to 2 cm. in length and the leaf-blades to 24 cm. long and 9 cm. wide. The leaf-blades are villose with short straight hairs beneath, not tomentose as erroneously stated by me on page 342 of my monograph.

Additional citations: BRAZIL: Pará: Huber 809 (Bm); Maranhão: Ducke 544 (Cb, N--fragment); Herb. Gen. Mus. Para. 2270 [Herb. Mus. Goeldi] (A--photo of type, B--photos of type & of isotype, Bm--isotype, Cb--isotype, D--photo of type, G--photo of type, K--photos of type & of isotype, N--photos of type & of isotype, P--photo of type, S--photos of type & of isotype, W--photo of type, Z--photo of type).

82. AEGIPHILA KILLIPII Moldenke.

Additional citations: COLOMBIA: Santander Norte: Killip & Smith 20,870 (A--isotype, A--photo of type, B--photo of type, D--photo of type, F--photo of type, G--photo of type, K--photo of type, N--photos of type & of isotype, P--photo of type, S--photo of type, W--photo of type, Z--photos of type & of isotype).

33. AEGIPHILA LAETA H.B.K.

On page 394 of my monograph I gave the name A. laeta H. B.K. as a synonym of A. laevis (Aubl.) Gmel. This was done before the opportunity was presented to me of examining the type of A. laeta -- the reduction having been made on the basis of statements in the literature of the genus. Since 1934, however, I have examined the original type of A.

laeta. It has been found to be a perfect match for the species which I called A. stricta Rusby on pages 352--353 of my monograph. Rusby's name, therefore, has to be reduced to synonymy and the correct name for species no. 53 now becomes A. laeta H.B.K. Mocquerys reports the species as a tree 3--4 m. tall, with white flowers and orange fruit. The name A. stricta is sometimes erroneously accredited to me on herbarium sheets!

Additional citations: PANAMA: Taboga Island: Barclay 2498 (Bm, N--fragment). COLOMBIA: Magdalena: C. Allen 416 (K); H. H. Smith 330 (B--photo, Cb, D--photo, E, G--photo, K--2, N--3 photos, P--3, S--photo, Ut, W, W--photo, Z--4 photos), 330a (Z--photo); Santander Sur: Killip & Smith 14,971 (N--photo, Z--photo); Caldas: Bonpland 1664 (N--photo of type, P--type & isotype, Z--photo of type). VENEZUELA: Zulia: Plée s.n. [Maracaybo] (Z--photo); Anzoategui: Potter 5154 (N); State undetermined: Mocquerys 1018 (P--4); Saer 602 (F).

78. AEGIPHILA LAEVIS (Aubl.) Gmel.

Aegiphila laeta H.B.K. is not a synonym of A. laevis (Aubl.) Gmel. as stated by me on page 394 of my monograph, but is the correct name for species no. 53 (which see, above). The specific name of the present species is sometimes misspelled "levis", both under Aegiphila and under Marabea, the former appearing by accident in Brittonia 1: 389 (1934). The species has occasionally been confused with A. brachiatata. The misspelling "Aegiphila laevis" also occurs. The Von Rohr s.n. from Cayenne at the British Museum is labelled "Type specimen". It is indeed a very typical specimen, but not the nomenclatural type. The actual type is the Aublet s.n. in the same herbarium. The type has the calyx splitting into 4 acute lobes or teeth when the flowers are in full anthesis, merely scalloped before anthesis!

Additional citations: COLOMBIA: Antioquia: Pennell 3696 (Z--photo). BRITISH GUIANA: Talbot s.n. (Z--photo). SURINAM: Berthoud-Coulon 196 (Bm); Collector indig. 82 (Ut); Hostmann 543 (Bm--2, Cb, K), 721 (K), s.n. (Le); Hostmann & Kappler 543 [Herb. Monac. 1189] (Ma, Ut, V--2, Z--3 photos), 721 (V, Z--4 photos); Kappler 543 (P), s.n. (Z--photo); Samuels 104 (K), 382 (Z--photo); Wulfschlägel 405 (Br--3, V, Z--photo). FRENCH GUIANA: Aublet s.n. (A--photo of isotype, B--photo of isotype, Bm--type, D--photo of isotype, F--photo of isotype, G--photo of isotype, N--photo of isotype, S--photo of isotype, W--photo of isotype, Z--photo of isotype); Collector undesignated s.n. [Cayenne] (Dc--3, P), s.n. (P--2); Estebom 7 (P--2); Gabriel s.n. [1802] (Cb--3); Leblond 362 (P); Leprieur s.n. [Guian. fr.] (Dc), s.n. (Z--photo); J. Martin s.n. [Rudge] (Bm), s.n. (A--photo, B--photo, D--photo, F--photo, G--photo, K, N--photo, S--photo, W--photo, Z--2 pho-

tos); Mélinon s.n. [1845] (P--2); Perrottet s.n. [1819] (Cb--2), s.n. [1820] (Cb, P); Poiteau s.n. (Cb--2, P); L. C. Richard s.n. [Guian. fr.] (P), s.n. (Cp, Z--photo); Sagot s.n. [Boura, 1858] (P), s.n. [Cayenne, Février 1859] (P--2); Soubirou s.n. (P), s.n. [Prés Cayenne] (P); Von Rohr s.n. [Cayenne] (Bm). BRAZIL: Bahia: Blanchet 862 (Cb), 1600 (Bm, Cb); Sellow 1828 (B, Z--2 photos); Rio de Janeiro: Sellow 10 (B, N--2 photos, Z--2 photos); Matto Grosso: Hoehne, Com. Rondon 1287 (Sp); State undetermined: Herb. Link s.n. (Z--photo); Sellow s.n. (N--photo, Z--photo). ILLUSTRATIONS: Aubl. Hist. Pl. Guian. 1: 66. 1775 (P); Lamarck, Illustr. 1: t. 70, f. 3. 1791 (B).

47. AEGIPHILA LANATA Moldenke.

Additional citations: BRAZIL: Goyaz: Glaziou 21,917 (A--photos of type & of isotype, B--photos of type & of isotype, Br--isotype, Cb--isotype, Cp--isotype, D--photos of type & of isotype, F--photos of type & of isotype, G--photo of type, N--fragment of isotype, N--photo of type & 2 photos of isotypes, P--2 isotypes, P--photos of type & of isotype, W--photos of type & of isotype, Z--photo of type & 2 photos of isotypes).

97. AEGIPHILA LANCEOLATA Moldenke.

E. Z. and L. H. Bailey describe this species as a woody vine, with yellowish corollas, blooming in January. The Löfgren s.n. cited by me in my monograph as from São Paulo, Brazil, should have been listed as from cultivation, since the specimens of this collection were collected in the Horto Botânico at São Paulo. The "Instituto Biológico de Defesa Agrícola e Animal, São Paulo, 20,099" and "20,562" cited by me on page 474 as A. vitelliniflora are typographic errors. These two collections are actually A. lanceolata as stated on page 425.

Additional citations: BRAZIL: Pará: Burchell 9645 (K); Minas Geraes: Clausen 630 (P); Espírito Santo: Glaziou 11,333 (Cp, K, Z--2 photos); Rio de Janeiro: Burchell 1624 (K, Z--2 photos); Pohl 553 (L), s.n. [Rio Paranahyba] (A--photo, B--photo, D--photo, F--photo, G--photo, N--2 photos, S--photo, V, W--photo, Z--2 photos); São Paulo: F. C. Hoehne s.n. [Herb. Inst. Biol. S. Paulo 20,562] (Z--photo); State undetermined: Herb. Imp. Vien. 1642 (Z--photo), 1643 (Z--photo). PARAGUAY: Balansa 2094 (Cb--2, N--fragment, P--2); Fiebrig 6241 (A--photo of type, B--isotype, B--photo of type, D--photo of type, F--photo of type, G--photo of type, N--photo of type, S--photo of type, W--photo of type, Z--photo of type). CULTIVATED: Brazil: Rio de Janeiro: Bailey & Bailey 575 (Ba); São Paulo: Löfgren s.n. [Herb. Inst. Biol. S. Paulo 20,099] (N, Z--photo).

79. AEGIPHILA LAXICUPULIS Moldenke.

Additional citations: GUATEMALA: Bernoulli 748 (B, Cb, K); Santa Rosa: Heyde 191 (A--photo of type, B--photo of type, D--photo of type, F--photo of type, G--photo of type, K--photo of type, N--photo of type, P--photo of type, S--photo of type, W--photo of type, Z--photo of type); Heyde & Lux 4041 [Herb. Monac. 1723] (Cb--2, Ed, Mu, N--2 photos, W, Z--2 photos). SALVADOR: Ahuachapán: Padilla 80 (E); San Vicente: Calderón 1184 (N--2 photos, Z--2 photos). NICARAGUA: Matagalpa: Rothschuh 628 (A--photo, B--photo, D--photo, F--photo, G--photo, K--photo, N--photo, P--photo, S--photo, W--photo, Z--photo).

76. AEGIPHILA LAXIFLORA Benth.

An additional synonym is Aegiphila laeviflora Briq., in herb. The species has been confused by some with the genus Olerodendrum and some specimens have been distributed under that name!

Additional citations: TRINIDAD: W. E. Broadway 7386 (A, Cb, E, F), s.n. [Buenos Ayres] (D, N, P, W, Z--3 photos); Mrs. W. E. Broadway s.n. [St. Ann's] (A--photo, B--photo, D--photo, G--photo, K, N--2 photos, S--photo, W--photo, Z--3 photos); Crüger s.n. (B, Z--photo); Dannouse s.n. (Z--photo); Finley s.n. [Trin. Bot. Gard. Herb. 2391] (R, W, Z--3 photos); J. R. Johnston 114 (Z--photo); Lockhart s.n. [All hills that have been lately cultd.] (K); L. A. M. Riley 64 (Bm, K); Trin. Bot. Gard. Herb. 427 (Z--photo), 3126 (Z--photo). BRITISH GUIANA: M. R. Schomburgk 401 (Cb, V, Z--photo), 592 (B, N--photo, Z--2 photos), 772 (A--photo of type, B--photo of type, Bm--isotype, Br--isotype, Cb--2 isotypes, D--photo of type, Dc--isotype, F--isotype, F--photo of type, G--photo of type, K--isotype, Le--isotype, N--fragment of isotype, N--photos of type & of isotype, P--isotype, S--photo of type, Us--2 isotypes, V--isotype, W--photo of type, Z--photos of type & of isotype). VENEZUELA: State undetermined: Otto 1092 (Z--2 photos).

27. AEGIPHILA LEHMANNII Moldenke.

The "Triana 2083" cited by me on pages 316 and 476 of my monograph, should read "Triana 2083, in part".

Additional citations: COLOMBIA: Boyacá: Lawrance 156 (A, B, Cb, E, K, Mi, S, W); Chocó: Triana 2083, in part (Bm, Cb, N--fragment), 3713, in part (Bm); El Cauca: Lehmann B.T.1117 (K--2 isotypes, Le--isotype).

81. AEGIPHILA LEWISIANA Moldenke.

Additional citations: VENEZUELA: Federal District: Fendler 844 (A--photo of type, B--photo of type, D--photo of type, F--photo of type, G--photo of type, N--photo of type &

3 photos of isotypes, P--photo of type, S--photo of type, W--photo of type, Z--photo of type & 3 photos of isotypes).

33. AEGIPHILA LHOTZKIANA Cham.

Additional synonyms are the following: Aegiphila glandifera Casar., in herb. [not A. glandulifera Moldenke, 1932], Aegiphila villosa Lam., in herb. [not A. villosa (Aubl.) Gmel., 1789], Aegiphila vestita Mart., in herb., and Vitex erythrocarpa Salzm., in herb. [not V. erythrocarpa Gürke, 1928]. The type of A. Lhotzkiana was collected by Johann Lhotsky in April, 1831. The species has been confused with the genus Buddleia and with Callicarpa americana and specimens have been distributed under those names. The "Sellow 2309" cited on page 476 of my monograph is a typographic error for Sellow 2389 and the Usteri s.n. [Herv. Esc. Polit. S. Paulo "2236"] cited on the same page is a typographic error for Herv. Esc. Polit. S. Paulo 223b. Some of the leaves on Glocker 578b are sparsely and irregularly dentate and are marked with glandular disks beneath. The locality of collection of Netto s.n., Barbacena, is erroneously spelled "Barbacoa" on p. 475.

Additional citations: BRAZIL: Ceará: Luetzburg 26,190 (Mu, N); Paratyba: Pohl 3481 (V); Bahia: Blanchet 46 (Cb), 286 (Cb, Cp), 354 (Cb--2, F), 729 (Mi), 1064 (Cb), 1902 (Bm, P), 2064 (Dc), 3397 (Bm), 3399 [Herb. Monac. 1032 & 1447] (Bm, Br--2, Cb--2, Dc, F, Mu--2, P--2, V, Z--photo), s.n. [1857] (Cb); Casaretto 2022 [Macbride photos 24,614] (Cb); Glocker 540 (Bm, N--photo, Z--photo); Lhotsky s.n. [Herb. De Candolle 892] (Cb--isotype, Dc--isotype, N--fragment of isotype, Z--photo of isotype); Lockhart s.n. [Bahia] (Bm); Martius 2222 [Herb. Monac. 1028 & 1029] (Mu--2), s.n. [Herb. Monac. 1030] (Mu); Moricand s.n. (K); Salzmann 432 (Dc), s.n. (E, K--2, P, V), s.n. [1831] (Ed); Sellow s.n. (K); Goyaz: Ule 335 (P); Minas Geraes: Glausen 352 (Bm, Br, Cb), 631 (N, P--2, Us), s.n. [Curvello] (Lø), s.n. [Aug.--April, 1840] (Br--2), s.n. (Bm, Cb); Netto s.n. [Near Barbacena in 1862] (A--photo, G--photo, Z--photo); Regnell I.310x [1865] (N--photo, S, Us, Z--photo), I.310x [1867] (Us), I.310xa (A--photo, B--photo, D--photo, F--photo, N--photo, W--photo, Z--photo); Saint-Hilaire B².2104 (P), s.n. (K, P--2); Warming s.n. [Lagoa Santa] (Cp--3, F, N, P, Z--photo); Widgren s.n. [in 1845] (S--2); Paraná: Dusén 1028a (A--photo, B--photo, D--photo, F--photo, G--photo, N--photo, W, W--photo, Z--photo); Jönsson 1028a (B, Cb, E, G, K); State undetermined: Blanchet 79 (Bm), s.n. (K); Glocker 578b (Bm), 2166 (Bm); Herb. Bernhardi s.n. (E); Herb. Imp. Vien. 154 (K), 155 (K--2); Herb. Zuccarini s.n. [Herb. Monac. 1034] (Mu); Lund s.n. (Dc); Poeppig 34 (Z--photo); Pohl s.n. [Herb. Imp. Vien.] (N--photo, V, Z--2 photos), s.n. [Brasilia] (Bm, Br);

Sellow 2268 (Br), s.n. [Brasilia] (B--3), s.n. (Dc). SOUTH AMERICA: Country undesignated: Herb. Spruner s.n. (B).

67. AEGIPHILA LONGIFOLIA Turcz.

Additional citations: COLOMBIA: Santander Sur: Engels s. n. [Ocana] (Z--photo); Schlim 688 (A--photo of isotype, B--photo of isotype, Cb--isotype, D--photo of isotype, F--isotype, F--photo of isotype, G--photo of isotype, K--isotype, N--fragment of isotype, N--2 photos of isotypes, S--photo of isotype, W--photo of isotype, X--isotype, Z--2 photos of isotypes); Department undetermined: Herb. Mus. Paris s.n. (P).

93. AEGIPHILA LONGIPETIOLATA Moldenke.

Additional citations: PERU: Loreto: Weberbauer 4667 (A--photo of type, B--photo of type, D--photo of type, F--photo of type, G--photo of type, K--photo of type, N--photo of type, P--photo of type, S--photo of type, W--photo of type, Z--photo of type).

21. AEGIPHILA LUSCHNATHI Schau.

The Saint-Hilaire specimens cited below are anomalous in being densely velutinous throughout, especially on the younger parts, but this condition is approached on the very young parts of several other collections cited under this species in my original monograph. The species has occasionally been confused with the genus Pisonia and some herbarium specimens distributed under that name! The specimens cited in my monograph as "isotypes" ought to have been called cotypes, since the species is based on several separate collections of Luschnath, no particular one of which was specifically designated as the type by Schauer. The "Gaudichaud 468" cited on pages 308 and 473 of my monograph should read "Gaudichaud 468, in part", since part of this collection is A. fluminensis.

Additional citations: BRAZIL: Bahia: Blanchet 3273 (Bm--2, Br--2, Cb--2, F, Z--photo); Minas Geraes: Clausen 53, in part (Cb, P--2); Glaziou 15,326 (Bm, Br, Cb, Op, K, P, Z--2 photos); Widgren 481 (Z--photo); Rio de Janeiro: Barboza s. n. [1846] (Br); Beyrich s.n. (B); Burchell 734 (K), 1653 (A--photo, B--photo, D--photo, F--photo, G--photo, K--2, W--photo, Z--photo), 2801 (A--photo, B--photo, D--photo, F--photo, G--photo, K, W--photo, Z--photo); Clausen 53, in part (Cb--2, F); G. Gardner 5572 (Bm, K), 5573 (Bm, K); Gaudichaud 110 (P), 468, in part (Cb, P--2); Glaziou 865 (Br--2, Cp--2, K, N--photo, P, Z--photo), 8832 (Op, K, P, Z--photo); Guillemin 53 (Cb), 630 (Cb--2, P); Lund s.n. [Rio de Janeiro] (Bm, Op--2); Luschnath s.n. [Lagoa Sacaremo] (A--photo of cotype, B--2 cotypes, B--photo of cotype, Op--

cotype, D--photo of cotype, F--photo of cotype, G--photo of cotype, N--photo of cotype, W--photo of cotype, Z--photo of cotype), s.n. [Brasilia] (E--cotype); Martius 1040 [Macbride photos 7879] (A--photo of cotype, B--photo of cotype, Br--3 cotypes, Cb--cotype, Dc--cotype, G--photo of cotype, N--photo of cotype, Z--photo of cotype); Miers 3712 (Bm, K); Mikan s.n. (N--photo, Z--photo); Regnell 156 (P); Riedel & Luschnath 431 (L--2); Schott 4918 (V, Z--2 photos); Santa Catharina: Saint-Hilaire C².1721 bis (P--2); Ule 4436 (B); State undetermined: Freyreiss s.n. (Z--photo); Gaudichaud 630 (Dc); Herb. Ventenat s.n. (Cb); Pohl s.n. (Br); Raben 749 (Br), s.n. (Cp).

30. AEGIPHILA MACRANTHA Ducke.

An additional synonym is Clerodendrum capitatum Klotzsch, in herb. [not C. capitatum (Willd.) Schum. & Thonn., 1827]. The species has been confused with Cordia sp. and some herbarium sheets have been distributed under that name!

Additional citations: TRINIDAD: Trin. Bot. Gard. Herb. 1899 (R). BRITISH GUIANA: De la Cruz 2836 (D, E, G, N--photo, Z--photo); Sandwith 502 (B, K--2, Ut, W); M. R. Schomburgk 873 (C, Cb, N--photo, V, X, Z--photo), 1501 (A--photo, B--5, B--photo, D--photo, F--photo, G--photo, N--photo, P, W--photo, Z--photo). FRENCH GUIANA: Mélinon 330 (P), s.n. [in 1864] (P--4, Z--photo), s.n. [1877] (P--3); Wachenheim 484 (P--2), 489 (P--2). BRAZIL: Pará: Ducke 22,549 (B, K, P, S, Ut, X), s.n. [Herb. Rio de Janeiro 18,949] (A--photo of isotype, B--photo of isotype, D--photo of isotype, F--photo of isotype, G--photo of isotype, K--isotype, N--3 photos of isotypes, Ut--isotype, W--photo of isotype, Z--2 photos of isotypes); Poeppig s.n. [Collares] (Br).

129. AEGIPHILA MACROPHYLLA H.B.K.

The specimen labelled with this name and discussed by me on pages 470--471 of my monograph proves to be Cornutia odorata var. calvescens Moldenke. Since this specimen is from the Bonpland herbarium, it seems quite probable that Aegiphila macrophylla H.B.K. will eventually prove to be synonymous with some species of Cornutia. The Berlin specimen, however, differs in so many respects from the original description of Aegiphila macrophylla that I do not think that it is part of the type collection. The actual type has not yet come to light. A specimen collected by H. M. Ridley in Porto Rico and distributed under the name "Egiphilla macrophylla" has proved to be Callicarpa ampla Schau.

73. AEGIPHILA MAGNIFICA Moldenke.

Additional citations: NICARAGUA: Chinandega: C. F. Baker

204 (A--photo of type, B--photo of type, Ca--isotype, D--photo of type, E--2 isotypes, F--photo of type, G--photo of type, K--isotype, Mi--isotype, N--photo of type, P--photo of type, S--photo of type, W--photo of type, Z--photo of type), 658 (N--photo, Z--photo); Chontales: Seemann 87 (Bm, Z--photo). COSTA RICA: Guanacaste: Tonduz s.n. [Herb. Instit. Physico-geogr. Nat. Costaric. 13,629] (B--2, Bm, P); San José: Ørsted 11,176 (Gp); Tonduz 13,629 (K). PANAMA: Panamá: P. O. Standley 29,797 (N--2 photos, Z--2 photos).

71. AEGIPHILA MARTINICENSIS Jacq.

An additional synonym for this species is Aegiphila minima W. Wright, in herb. The species has occasionally been misidentified as Feramea occidentalis L. C. Rich., Catesbaea sp., Boussingaultia sp., Cestrum sp., and Psychotria sp., and specimens have been distributed under those names! There is no specimen of this species in the Linnean Herbarium, although the name Aegiphila martinicensis is often erroneously accredited to Linnaeus. The Funck & Schlim 81 cited below represents the "variabilis" form of the species. Ramage records the vernacular variant "bois cabrit" from St. Lucia. Otero says that it fruits in February and Sandwith describes the fruit as red in color. The species is often attacked by Hobsonia Ackermanni Pat. and by Guignardia prominens Earle [Laestadia prominens (Earle) Sacc. & D. Sacc.]. The Legit Anonymus ante ann. 1840 s.n., cited below, is anomalous in its coarsely dentate lower leaf-blades and fine pubescence throughout. The "Spruce s.n." cited on page 476 of my monograph as representing this species is an error and should be deleted, and the "Crebs s.n." cited on page 382 should read "Krebs s.n.". The Britton & Cowell 594 cited on pages 383 and 472 as var. oligoneura is better regarded as representing a small-leaved form of the true species. The Hort. Kew. s.n. is strongly like A. filipes, but the specimen is only a fragmentary one and cultivated specimens of A. martinicensis are in general similarly anomalous in leaf-texture and shape.

Additional citations: CUBA: Havana: De la Ossa s.n. [1825] (Dc--2). JAMAICA: Bertero 2046 (B); Swartz s.n. (Z--photo); W. Wright s.n. (Bm). PORTO RICO: Britton, Britton, & Brown 6786 (Ob); Collector undesignated s.n. (P); Cook & Collins 291 (W); A. A. Heller 4670 (B, B--photo, Cb, D--photo, Ed, Es, Le, Mi, N--photo, W, W--photo, Z--photo), 6444 (Es); Heller & Heller 276 (K, Z--2 photos), 825 (B, Z--photo), 964 (K, Z--photo); Hioram s.n. [Río Piedras] (P); Ledru s.n. (Ed); Otero 78 (N, N--seed); Plée 172 (P); H. N. Ridley s.n. (Ob--3); Riedlé 202 (P), s.n. [Herb. A. L. Jussieu 5034a] (P); Sintenis 1183 (B), 1295b (B), 2674 (B, Bm, K), 6492 (W), s.n. [1895] (Ol); Stahl 293 (B), 454 (B), 995

(B). ST. JOHN: Orsted s.n. [1846] (Cp--2). ST. THOMAS: Collector undesignated s.n. (P); Krebs s.n. (Z--photo); Riedlé s.n. (P). ST. EUSTACHE: Boldingh 246 (Le), 386a [189] (Ut), 894 [410] (Ut). ST. CROIX: Benzon 127-3713 (Op); Britton, Britton, & Kemp 114 (Cb, Z--photo); Collector undesignated s.n. (Z--photo); Herb. Univ. Christian. s.n. (Ol); Ravn s.n. (Cp); L. C. Richard s.n. (P); J. B. Thompson 239 (A--photo, Cb, F--photo, G--photo, N, Z--photo), 503 (G--photo), 719 (Z--photo). ST. KITTS: Britton & Cowell 116 (Z--photo), 120 (Z--photo), 332 (B, K, Z--photo), 594 (B, K, N); Eggers 133 (Z--photo), s.n. [Decbr. 1882] (B, Vu); Forsström s.n. (S--2, Z--photo). ANTIGUA: Ponthieu s.n. [Ind. occid.] (Cb--2); Rose, Fitch, & Russell 3341 (B, Z--photo); Wullschlägel 423 [Herb. Monac. 1037] (B, Mu), 424 [Herb. Monac. 1039] (Mu). MONTSERRAT: Ryan s.n. (Cp--6); Shafer 162 (Cp), 197 (Z--photo). GUADELOUPE: Badier 176 (Dc); Duchassaing s.n. [Guadeloupe] (B, P--3, V, Z--photo); R. P. Dusa 303 (P), 2389, in part (E, Z--photo); Forsström s.n. (S); Funck & Schlim 81 (Cb, P); Grisebach s.n. (E, K); Herb. Lamarck s.n. [Guadeloupe] (P); Herminier s.n. (X--4); Perrotet s.n. [18 Juin 1824] (Cb), s.n. [Juillet 1841] (Bm); Ficard s.n. (P); Quentin 17 (P); Read s.n. (B); L. C. Richard s.n. (N--photo, P, Z--photo); Stehlé 1247 (N). DOMINICA: G. P. Cooper 60 (Mi), 80 (N), 167 (Mi); Eggers 501, in part [Herb. Monac. 3822] (B--2, Cb, Le, Mu, Vu), 786 (B, Cp); Imray 85 (K), 119 (Z--photo), 420 (K); Kraus 273 (Ed); Nicholls 94 (B); Ramage s.n. [April 24, 1888] (Bm, K), s.n. [Aug. 22, 1888] (Bm), s.n. (B). MARTINIQUE: Bélangier 260 (Cb--2), 290 (P), 571 (P); Collector undesignated s.n. (Cp); R. P. Dusa 1966 (B, Z--2 photos), 2389, in part (B--2); Hahn 125 (Bm, Br, Cb--5, K, Le, P), 491 [Herb. Monac. 1448] (B, Bm, Cb--2, K--2, Le, Mu, P--3, Us); Isert 87 (Op); Jacquin s.n. (Bm--type); Kohaut s.n. (B); Plée s.n. [Martinique] (P--3, Z--photo); Sieber Fl. Mart. 78 [Herb. Monac. 1035] (B--2, Bm, Cp, E, K, Mu, X); Terrasson 62 [Herb. A. L. Jussieu 5034b] (P--2). ST. LUCIA: Lambert s.n. (Dc); Lée s.n. [Dec. 2, 1887] (W); Ramage s.n. (B), s.n. [Sept. 23, 1888] (K). BARBADOS: Eggers 7153 (B, Le); Sandwith s.n. [Barbados] (K); Waby 72 (B, K, W); Warming 134 (Cp, Z--photo); W. Wright s.n. (Br). ST. VINCENT: Caley s.n. [Jan. 1823] (Cb); Collector undesignated s.n. [Aug. 1824] (Z--photo); Eggers 6617, in part (P); Guilding s.n. (B); Smith & Smith 336 (B, Bm, Ed, Z--photo), 1801 (B, Z--photo). GRENADA: W. E. Broadway 142 (B), 1410 (B), s.n. [St. George's] (A, B--photo, E, G--photo, Z--3 photos), s.n. [Mount Parnassus, June, 1906] (E--2), s.n. [Oct. 31, 1905; Hort. Thenensis I.4507] (Br), s.n. [St. Paul's] (Ed--2, Mi), s.n. [Year 1906?] (E); Eggers 6049 (B, P, Z--photo); G. W. Smith 93 (B). TRINIDAD: W. E. Broadway s.n. [River Estate] (B--photo, D--photo, N--photo, W--photo); Sieber Fl. Trinit.

85 [Herb. Monac. 1036 & 1449] (B--2, Cb--2, Dc, E, Ed--2, Le, Mu--2, V--2, Z--7 photos). WEST INDIES: Island undesignated: "B. S." s.n. (K); Collector undesignated 426 (Us), s. n. (Cb, P); Forster s.n. ["India"] (Ed); Forsyth s.n. (Dc); Herb. Adanson s.n. (P--7); Herb. Puerar s.n. [1824] (Dc); Ponthieu s.n. [Ind. occid.] (Bm); West s.n. (Dc). PANAMA: Bocas del Toro: G. P. Cooper 571 (K, W, Z--photo). COLOMBIA: Méta: Pennell 1650 (Z--photo). VENEZUELA: Zulia: Mocquerys 910 (P--3); H. Pittier 10,533 (B, Cb, Z--photo); Mérida: W. E. Broadway 319 (G, Z--photo), 479 (G). FRENCH GUIANA: Leblond 283 (Cb). CULTIVATED: England: Cult. Palm Stove Kew s. n. (Z--photo); Hort. Boyton s.n. [A. B. Lambert, 1807; Lord Seaforth, West Indies] (B--photo, Cb--2, N--fragment, N--2 photos, S--photo, Z--2 photos), s.n. [A. B. Lambert, 1808; Lord Seaforth, West Indies] (Cb); Hort. Kew s.n. [1785] (Bm); Hort. Liverpool s.n. (K); France: Jard. Bot. Paris s. n. [de l'isle de Cuba] (Cb); Jard. Malmaison s.n. (P); Perrottet s.n. [Jardin des Pl. de Paris, 1818] (Cb); Netherlands: Herb. Persoon s.n. (Le); Belgium: Collector undesignated s.n. (Br); Nyst s.n. (Br); Germany: Hort. Monac. s. n. [Herb. Monac. 1038] (Mu); Ceylon: Hallier f. C.240 (Le). LOCALITY OF COLLECTION UNDESIGNATED: Baudin s.n. (P); Herb. Colmann s.n. (N--photo, Z--photo); Herb. Hooker s.n. (B); Herb. Hornemann s.n. [Ex Ind. occid.?] (Cp--2); Herb. A. L. Jussieu s.n. (P--3); Herb. Liebmann s.n. (Cp); Herb. Vahl s.n. (Cp); Legit Anonymus ante ann. 1840 s.n. (Ut); Mus. Bot. Berol. s.n. ["Bras.?"] (N--photo, Z--photo). ILLUSTRATIONS: Copy of Andr. Bot. Rep. t. 578 (Ba); Lamarck, Illustr. 1: t. 70, f. 1. 1791 (B); Unidentified illustration (N).

71a. AEGIPHILA MARTINICENSIS var. OLIGONEURA (Urb.) Moldenke

Hahn records the vernacular variant "bois cabrite" from Martinique. The Britton & Cowell 594 cited on page 383 of my monograph is better considered to represent a form of typical A. martinicensis. The "Eggers 6617" cited on pages 383 and 473 should read "Eggers 6617, in part", since some sheets of this collection are typical A. martinicensis.

Additional citations: JAMAICA: W. Harris 8166 (A--photo of isotype, B--type & isotype, B--photo of isotype, Bm--isotype, D--photo of isotype, F--photo of isotype, G--photo of isotype, K--photo of isotype, N--isotype, N--2 photos of isotypes, W--photo of isotype, Z--photo of isotype). DOMINICA: Eggers 501a (Br, P); Lloyd 606 (N--photo, Z--photo); MARTINIQUE: Hahn 1236 (B, Bm, Br, Cb--2, N--2 photos, P--2, X, Z--2 photos). ST. VINCENT: Eggers 6617, in part (B); Smith & Smith 336a (N--photo, Z--photo), 753 (Bm, N--photo, Z--photo). LOCALITY OF COLLECTION UNDESIGNATED: "West Indies, Nov. 17--17" (N--photo, Z--photo).

38. AEGIPHILA MEDITERRANEA Vell.

This binomial is sometimes erroneously to Turczaninow. The type specimen of A. cestrifolia has been examined in the herbarium of the British Museum. The Rodriguez specimen cited below bears a label inscribed "Misiones: Santa Ana", but probably this is meant to be the Santa Anna on Grande Island, Rio de Janeiro, and not a locality in Misiones, Argentina, which would be far out of the known range of the species.

Additional citations: BRAZIL: Rio de Janeiro: Boog s.n. (Z--photo); G. Gardner 100 (Bm--2, Cb--2, Ed--2, F, K, N--3 photos, P, V, Z--3 photos); Glaziou 1546 (Br, Cp, P), 11,337 (Br, Cb, Cp, K, P--2, Z--photo); Martius 166 [Herb. Monac. 1040] (Ma); Miers 3096 (Cb); Pohl s.n. [Herb. Imp. Vien. 151] (K, Z--photo); Riedel 0,31 (L), 0,37 (L); Riedel & Luasnath 1005 (L--2, N); Rodriguez s.n. [Lillo 10,448] (G); Schenck 2109 (N--photo, Z--photo); Schott 4916 (Cb, V, Z--photo); Swainson s.n. (Z--photo); Ule 4854 (B); Widgren 1151 (Us, Z--photo), 1223 (Br), s.n. (A--photo, B--photo, D--photo, F--photo, G--photo, N--photo, W--photo, Z--photo). CULTIVATED: Cameroons: H. Winkler 628 (B); Versuchsanstalt Kamerun 270 (B, Us).

12. AEGIPHILA MEDULLOSA Moldenke.

The type collection of this species is Saint-Hilaire C.50 and not "Co. 50" as inaccurately written in my monograph.

Additional citations: BRAZIL: Rio de Janeiro: Riedel & Lund 0,30 (L--2, N--fragment, Z--2 photos); Saint-Hilaire C.50 (A--photo of type, B--photo of type, D--photo of type, F--photo of type, G--photo of type, K--photo of type, N--photo of type, S--photo of type, W--photo of type, Z--photo of type).

65. AEGIPHILA MEMBRANACEA Turcz.

This species has occasionally been confused with the genus Clerodendrum and some herbarium specimens have been distributed under that name!

Additional citations: COLOMBIA: Chocó: Triana 3713, in part (Bm). SURINAM: Hostmann 89 (A--photo of isotype, B--isotype, B--photo of isotype, Bm--2 isotypes, Cb--isotype, D--photo of isotype, F--photo of isotype, G--photo of isotype, K--2 isotypes, N--2 photos of isotypes, P--isotype, Ut--isotype, V--2 isotypes, W--photo of isotype, Z--3 photos of isotypes); Hostmann & Kappler 89, in part [Herb. Monac. 1188] (Ma). FRENCH GUIANA: Benoist 740 (P), 786 (P), 787 (P--3); Jelski s.n. [Cayenne] (B); Mélinon 83 (P), 89 (N--photo, Z--photo), 111 (P), 433 (P, Z--photo), 436 (P), 486 (P), s.n. [in 1864] (Bm, Z--2 photos), s.n. [in 1877] (Bm, Br, Cb, F, K, N--photo); Sagot s.n. (P--2); Wachenheim 100

(Bm, F, P--2), 188 (P), s.n. [environs de Godebert] (K, Z--photo). VENEZUELA: Falcon: Jahn 384 (Z--photo). PERU: Loreto: Tessmann 4666 (B).

83. AEGIPHILA MOLLIS H.B.K.

Additional synonyms are Cornutia velutina Hayek in Engl. Jahrb. 42: 172 (1908) and Aegiphila salutaris var. lutea Moritz, in herb. The type of Cornutia velutina was collected by Friedrich Carl Lehmann (No. 6692) in El Cauca, Colombia, and several isotypes have been examined. The collection matches typical material of Aegiphila mollis perfectly. The type of A. salutaris [Bonpland 983] and another cotype of A. Mutisii [Bonpland s.n.] have now been examined. Neither of these can be separated from A. mollis. Dugand reports that the present species is a frequent shrub in second-growth, inhabiting clayey and stony soil. He describes it as a shrub or shrubby tree, 3--5 m. tall, with a trunk to 15 cm. in diameter, grayish rugose bark, and abundant white flowers, the corolla soon falling off. The Humboldt & Bonpland s.n. specimen from the Berlin herbarium, cited in my monograph as the type, is actually only an isotype. The Venezuelan state Anzoategui is misspelled "Anzoatequi" on page 405.

Additional citations: COLOMBIA: Atlántico: Dugand 101 (F, Y), 469 (F, Y), 639 (Y); Elias 1102 (N--2, W); Magdalena: H. Smith 868 (Bm, Br, Cb--2, E, Ed, K, Le, N, P, Ut, Z--photo), 870 (E, G--photo, K, Z--photo), 1860 (Bm, Cb--2, E, K, P, Z--photo); Purdie s.n. [Santa Marta] (K, N--photo, Z--2 photos); Cundinamarca: André K.1554 (K); Bonpland s.n. (N--photo, P--2); Hartweg s.n. [Fusagasuga, near Bogotá] (K, Z--photo); Mutis 423 (B--photo, F--photo, G--photo, N--photo, Z--photo); Triana 2082 (Bm--2, Br, Cb--2, Ed, P), 3713, in part (Bm); Bolívar: Elias 581 (Z--photo); Tolima: André K.1556 (K); El Cauca: Karsten s.n. [Papayan] (A--photo, B--photo, D--photo, F--photo, G--photo, N--photo, W--photo, Z--photo); Lehmann 6692 (B, B--descr., F--photo, F, K--2, L, W); H. Pittier 626 (Z--photo); Department undetermined: Goudot 2 (P). VENEZUELA: Lara: Saer 723 (Ve); Carabobo: H. Pittier 7910 (G); Aragua: Fendler 843 (G, N--photo, Z--2 photos), 2052 (Z--photo); Vogl 1177 (Mu), 1179 (Mu), 1180 (Mu), 1181 (Mu--2), 1183 (Mu); Miranda: H. Pittier 7855 (G); Guarico: Geay s.n. [Guarítico] (P); Sucre: Funck 643 (Cb, P, V); Moritz 363 (Bm); Anzoategui: Otto 856 (B, K, Z--2 photos); Monagas: Moritz 1910 (Bm); Amazonas: Bonpland 983 (N--photo, P, Z--photo); State undetermined: Chaffanjon 245 (P); Eggers 13,464 (Cp, Z--photo); Humboldt & Bonpland s.n. [Woods of the Orinoco] (A--photo of isotype, B--photo of isotype, D--photo of isotype, F--photo of isotype, G--photo of isotype, N--photo of isotype, W--photo of isotype, Z--photo of isotype). BOLIVIA: Santa Cruz: D'Orbigny 1086 (Cb);

Steinbach 3168 (Z--photo). LOCALITY OF COLLECTION UNDESIGNATED: Herb. Baillon s.n. (P); Lehmann B.T.705 (Le, N--photo, V, Z--photo). ILLUSTRATIONS: H.B.K. Nov. Gen. & Sp. Pl. 2: t. 130. 1817 (P).

83a. *AEGIPHILA MOLLIS* var. *INTERMEDIA* Moldenke.

Additional citations: COLOMBIA: Magdalena: H. H. Smith 329 (A--photo of type, B--photo of type, Bm--isotype, Br--isotype, Cb--2 isotypes, D--photo of type, E--isotype, Ed--isotype, G--photo of type, K--isotype, K--photo of type, N--photo of type & 2 photos of isotypes, P--isotype, W--photo of type, Z--photo of type & 2 photos of isotypes), 869 (N--photo, Z--photo); Bolívar: Killip & Smith 14,296 (N--photo, Z--photo).

13. *AEGIPHILA MONSTROSA* Moldenke.

The "*Aegiphila fasciculata* Donn. Sm." which Standley describes in Field Mus. Pub. Bot. 10: 334--335 (1931) and illustrates on plate 57 is *A. monstrosa*, not *Dermatocalyx parviflorus* Griseb. as erroneously stated by myself in Phytologia 1: 200 (1937). The Cook & Griggs 521 [U. S. Nat. Herb. 408,225] said to be *A. fasciculata* by J. D. Smith in Bot. Gaz. 57: 425 (1914) is actually *A. monstrosa*. Schipp reports that the species under discussion is a small tree growing in forest shade, that it is quite common, and that the flowers are highly perfumed. The vernacular name "hulub" has been recorded from British Honduras.

Additional citations: GUATEMALA: El Petén: Lundell 1492 (Mi); Alta Verapaz: Cook & Griggs 521 (W); H. V. Johnson 520 (N--photo, Z--photo); Izabal: P. C. Standley 25,114 (Z--photo); Department undetermined: Skinner s.n. (K). HONDURAS: Atlántida: P. C. Standley 52,717 (N--2 photos, Z--3 photos), 53,176 (B--photo, D--photo, N--2 photos, P--photo, S--photo, W--photo, Z--2 photos); Cortés: Carleton 422 (A--photo of type, B--photo of type, D--photo of type, F--photo of type, G--photo of type, N--photo of type, P--photo of type, S--photo of type, W--photo of type, Z--photo of type). BRITISH HONDURAS: H. H. Bartlett 11,941 (Mi), 13,011 (Mi); Gentle 263 (Mi, N), 404 (Mi, W), 948 (A, E, I, Mi, N, S--2); Lundell 146 (K, Mi); Schipp 1083 (A, Bm, Ca, Cb, E, K, Mi, N,S).

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- (1) Brittonia 1: 245--477. 1934.
 - (2) Phytologia 1: 182--208. 1937.
 - (3) Houard, Zoocéd. Pl. Amer. Sud 351--352. 1933.
 - (4) Houard, Zoocéd. Pl. Amer. Sud 344. 1933.